Performance Data Sheet

AED2411ZXA

General Information

Model	AED2411ZXA	**Refrigerant**	R-404A
Test Condition	Tecumseh Europe	**Performance Test Voltage**	100V ~ 50HZ
Return Gas	32.2°C (90°F) RETURN GAS	**Motor Type**	CSIR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-40	Watts (Capacity)	250	207	143	71.5
	Watts (Power)	296	201	183	183
	Amps	4.53	4.27	3.97	3.69
-35	Watts (Capacity)	285	247	190	127
	Watts (Power)	317	233	221	223
	Amps	4.43	4.30	4.13	3.97
-30	Watts (Capacity)	346	310	258	199
	Watts (Power)	339	266	261	266
	Amps	4.41	4.39	4.33	4.28
-25	Watts (Capacity)	435	398	346	290
	Watts (Power)	362	300	302	311
	Amps	4.47	4.55	4.59	4.63
-23.3	Watts (Capacity)	472	434	381	324
	Watts (Power)	370	312	317	326
	Amps	4.51	4.62	4.68	4.75
-20	Watts (Capacity)	552	510	455	397
	Watts (Power)	385	335	346	358
	Amps	4.62	4.77	4.89	5.00
-15	Watts (Capacity)	695	646	585	523
	Watts (Power)	409	372	391	408
	Amps	4.84	5.06	5.23	5.41
-10	Watts (Capacity)	865	806	735	665
	Watts (Power)	433	409	438	460
	Amps	5.15	5.41	5.63	5.85

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.397502E+03	1.328469E+03	4.331036E+00	
C2	6.080062E+01	-8.627347E+00	9.689098E-02	
C3	2.746398E+00	-6.138708E+01	8.344640E-02	
C4	7.364479E-01	-2.684017E-02	2.623858E-03	
C5	-4.831039E-01	5.798901E-01	2.109010E-04	
C6	-2.716185E-01	1.402606E+00	-1.153375E-03	
C7	-1.000000E-16	0.000000E+00	0.000000E+00	
C8	-6.431580E-03	1.264068E-03	-3.330830E-05	
C9	1.530000E-03	-4.030000E-03	-1.750000E-06	
C10	1.940000E-03	-9.830000E-03	7.550000E-06	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature

Performance Data Sheet

AED2411ZXA

General Information

Model	AED2411ZXA	**Refrigerant**	R-404A
Test Condition	Tecumseh Europe	**Performance Test Voltage**	115V ~ 60HZ
Return Gas	32.2°C (90°F) RETURN GAS	**Motor Type**	CSIR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-40	Watts (Capacity)	299	247	170	82.2
	Watts (Power)	364	248	227	229
	Amps	4.36	4.11	3.83	3.56
-35	Watts (Capacity)	344	298	229	152
	Watts (Power)	383	280	266	270
	Amps	4.27	4.14	3.98	3.82
-30	Watts (Capacity)	420	376	311	240
	Watts (Power)	405	315	310	317
	Amps	4.27	4.25	4.19	4.14
-25	Watts (Capacity)	526	480	417	348
	Watts (Power)	430	355	358	369
	Amps	4.37	4.44	4.48	4.52
-23.3	Watts (Capacity)	568	522	458	389
	Watts (Power)	440	369	375	388
	Amps	4.42	4.53	4.59	4.65
-20	Watts (Capacity)	662	612	545	475
	Watts (Power)	459	398	411	427
	Amps	4.56	4.71	4.83	4.94
-15	Watts (Capacity)	828	769	696	621
	Watts (Power)	490	445	468	489
	Amps	4.85	5.07	5.24	5.42
-10	Watts (Capacity)	1020	954	870	786
	Watts (Power)	524	495	530	558
	Amps	5.24	5.50	5.73	5.95

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.628164E+03	1.612337E+03	4.584750E+00	
C2	6.950137E+01	-8.669252E+00	1.150308E-01	
C3	3.772140E+00	-7.356124E+01	8.446930E-02	
C4	8.264648E-01	1.455593E-02	2.792076E-03	
C5	-5.569557E-01	7.203535E-01	3.898470E-04	
C6	-3.291355E-01	1.683247E+00	-1.137401E-03	
C7	-1.000000E-16	0.000000E+00	0.000000E+00	
C8	-7.362908E-03	1.526789E-03	-2.903570E-05	
C9	1.840000E-03	-5.080000E-03	-1.700000E-06	
C10	2.340000E-03	-1.180000E-02	7.450000E-06	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature